


		NTSB ID: LAX96LA254		Aircraft Registration Number: N260DG	
		Occurrence Date: 06/29/1996		Most Critical Injury: Minor	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place SANTA PAULA	State CA	Zip Code 93060	Local Time 1630	Time Zone PDT	
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility:		Direction From Airport: 40	
Aircraft Information Summary					
Aircraft Manufacturer GRAY		Model/Series BERKUT		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On June 29, 1996, at 1630 hours Pacific daylight time, an experimental Gray Berkut, N260DG, collided with a tree and an automobile during an emergency landing after an in-flight loss of power while on final approach to the Santa Paula Airport, Santa Paula, California. The airplane was being operated by the pilot/owner as a flight under 14 CFR Part 91 when the accident occurred. The airplane was destroyed. The airline transport rated pilot and the four occupants of the vehicle struck by the aircraft all received minor injuries. The flight originated from Camarillo, California, at 1600. Visual meteorological conditions prevailed at the time.</p> <p>The pilot/owner/builder had completed the airplane's first test flight after the Federal Aviation Administration (FAA) issued an experimental airworthiness certificate for amateur built aircraft. The pilot was in the process of positioning the airplane to the Santa Paula Airport. He reported the engine lost power on final approach. The pilot attempted to restart the engine without success. He then elected to attempt an off-airport landing on the westbound lanes of a freeway. The pilot indicated he was too low and landed on the center median. The airplane struck an automobile that moved from the traffic lanes to the median to avoid the airplane.</p> <p>The airplane's engine was examined on October 29, 1996, at Lynn's Aircraft Engines, El Monte, California. During the examination, no evidence was found of a mechanical failure, nor were any malfunctions discovered that explained a loss of engine power.</p> <p>According to aircraft maintenance records, the fuel pump was overhauled on December 7, 1995, by Aero Accessories Inc., Gibsonville, North Carolina, a Federal Aviation Administration (FAA) Certified Repair Station. The repair station issued FAA Form 813.0-3, "Airworthiness Approval Tag" at the time of the overhaul. In addition, the pilot reported that the airplane had accrued a total time of .7 hours. No evidence was found that indicated the fuel pump was operated in any other engine since the overhaul.</p>					
FACTUAL REPORT - AVIATION					

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<b>Landing Facility/Approach Information</b>					
Airport Name SANTA PAULA	Airport ID: SZP	Airport Elevation 250 Ft. MSL	Runway Used 22	Runway Length 2500	Runway Width 60
Runway Surface Type: Asphalt					
Runway Surface Condition: Dry					
Type Instrument Approach: NONE					
VFR Approach/Landing: Straight-in					
<b>Aircraft Information</b>					
Aircraft Manufacturer GRAY		Model/Series BERKUT		Serial Number 043	
Airworthiness Certificate(s): Experimental (Special)					
Landing Gear Type: Retractable - Tricycle					
Homebuilt Aircraft? Yes	Number of Seats: 2	Certified Max Gross Wt. 2000 LBS		Number of Engines: 1	
Engine Type: Reciprocating	Engine Manufacturer: Lycoming		Model/Series: IO-540-G4B5		Rated Power: 260 HP
<b>- Aircraft Inspection Information</b>					
Type of Last Inspection Annual	Date of Last Inspection 06/1996	Time Since Last Inspection 1 Hours		Airframe Total Time 1 Hours	
<b>- Emergency Locator Transmitter (ELT) Information</b>					
ELT Installed? No	ELT Operated?	ELT Aided in Locating Accident Site?			
<b>Owner/Operator Information</b>					
Registered Aircraft Owner  DANIEL GRAY		Street Address 611 MONTE VISTA			
		City SANTA PAULA	State CA	Zip Code 93060	
Operator of Aircraft  Same as Reg'd Aircraft Owner		Street Address Same as Reg'd Aircraft Owner			
		City	State	Zip Code	
Operator Does Business As:			Operator Designator Code:		
<b>- Type of U.S. Certificate(s) Held: None</b>					
Air Carrier Operating Certificate(s):					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 91: General Aviation					
Type of Flight Operation Conducted: Personal					
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<b>First Pilot Information</b>																																																																																				
Name		City		State	Date of Birth																																																																															
On File		On File		On File	On File																																																																															
					Age																																																																															
					41																																																																															
Sex: M	Seat Occupied: Front	Principal Profession: Civilian Pilot		Certificate Number: On File																																																																																
Certificate(s): Airline Transport; Flight Instructor; Commercial																																																																																				
Airplane Rating(s): Multi-engine Land; Single-engine Land; Single-engine Sea																																																																																				
Rotorcraft/Glider/LTA: Helicopter																																																																																				
Instrument Rating(s): Airplane																																																																																				
Instructor Rating(s): Airplane Multi-engine; Airplane Single-engine; Helicopter; Instrument Airplane																																																																																				
Type Rating/Endorsement for Accident/Incident Aircraft? No				Current Biennial Flight Review?																																																																																
Medical Cert.: Class 1		Medical Cert. Status: Valid Medical--no waivers/lim.		Date of Last Medical Exam: 06/1996																																																																																
<table border="1"> <tr> <th rowspan="2">- Flight Time Matrix</th> <th rowspan="2">All A/C</th> <th rowspan="2">This Make and Model</th> <th rowspan="2">Airplane Single Engine</th> <th rowspan="2">Airplane Multi-Engine</th> <th rowspan="2">Night</th> <th colspan="2">Instrument</th> <th rowspan="2">Rotorcraft</th> <th rowspan="2">Glider</th> <th rowspan="2">Lighter Than Air</th> </tr> <tr> <th>Actual</th> <th>Simulated</th> </tr> <tr> <td>Total Time</td> <td>21000</td> <td>2</td> <td>5000</td> <td>15000</td> <td>4000</td> <td>500</td> <td></td> <td>1000</td> <td></td> <td></td> </tr> <tr> <td>Pilot In Command(PIC)</td> <td>19000</td> <td>2</td> <td>5000</td> <td>13000</td> <td>4000</td> <td>500</td> <td></td> <td>1000</td> <td></td> <td></td> </tr> <tr> <td>Instructor</td> <td>5000</td> <td></td> <td>4000</td> <td>500</td> <td></td> <td></td> <td></td> <td>500</td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td>200</td> <td>1</td> <td>10</td> <td>190</td> <td></td> <td>1</td> <td>5</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 30 Days</td> <td>70</td> <td>1</td> <td>5</td> <td>65</td> <td></td> <td></td> <td>5</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 24 Hours</td> <td>1</td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Actual	Simulated	Total Time	21000	2	5000	15000	4000	500		1000			Pilot In Command(PIC)	19000	2	5000	13000	4000	500		1000			Instructor	5000		4000	500				500			Last 90 Days	200	1	10	190		1	5				Last 30 Days	70	1	5	65			5				Last 24 Hours	1	1	1							
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Seatbelt Used? Yes		Shoulder Harness Used? Yes		Toxicology Performed? No																																																																																
				Second Pilot? No																																																																																
<b>Flight Plan/Itinerary</b>																																																																																				
Type of Flight Plan Filed: None																																																																																				
Departure Point		State	Airport Identifier	Departure Time	Time Zone																																																																															
CAMARILLO		CA	CMA	1600	PDT																																																																															
Destination		State	Airport Identifier																																																																																	
Same as Accident/Incident Location			SZP																																																																																	
Type of Clearance: None																																																																																				
Type of Airspace: Class G																																																																																				
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Source of Briefing:																																																																																				
No record of briefing																																																																																				
Method of Briefing:																																																																																				

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		Occurrence Type: Accident			

<b>Weather Information</b>					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
CMA	1646	PDT	75 Ft. MSL	8 NM	192 Deg. Mag.
Sky/Lowest Cloud Condition: Clear				0 Ft. AGL	Condition of Light: Day
Lowest Ceiling: None			0 Ft. AGL	Visibility: 40 SM	Altimeter: 29.00 "Hg
Temperature: 29 °C		Dew Point: 10 °C		Wind Direction: 210	Density Altitude: Ft.
Wind Speed: 9		Gusts:		Weather Conditions at Accident Site: Visual Conditions	
Visibility (RVR): 0 Ft.		Visibility (RVV) 0 SM		Intensity of Precipitation: Unknown	
Restrictions to Visibility: None					
Type of Precipitation: None					

<b>Accident Information</b>					
Aircraft Damage: Destroyed		Aircraft Fire: None		Aircraft Explosion: None	
Classification: U.S. Registered/U.S. Soil					

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot			1		1
Second Pilot					
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers					
- TOTAL ABOARD -			1		1
Other Ground	0	0	4		4
- GRAND TOTAL -	0	0	5		5

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**FACTUAL REPORT****AVIATION**

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Occurrence Date: 06/29/1996

Occurrence Type: Accident

## Administrative Information

Investigator-In-Charge (IIC)

THOMAS H. WILCOX

Additional Persons Participating in This Accident/Incident Investigation:

GORDEN CAMPBELL  
WP-VNY-FSDO  
VAN NUYS, CA 91406

DANIEL P GRAY  
611 MONTE VISTA  
SANTA PAULA, CA 93060